

SAFETY DATA SHEET (SDS)



WIPE OUT

1. Identification

Product Name: WIPE OUT
Product Code: WOD001
Recommended Use: Detergent Degreaser

Supplier Details: Orlichem (PTY) Ltd
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2. Hazards identification

Classification	Health:	Eye Irritation	Category 2B
		Skin Irritation	Category 2
	Environmental:	Not Classified	
	Physical:	Not Classified	

Label element



WARNING

Hazard Statements	Health:	H320 - Causes eye irritation H315 - Causes skin irritation
	Environmental:	Not Classified
	Physical:	Not Classified
Precautionary Statements	General:	P102 - Keep out of reach of children. P103 - Read label before use.
	Prevention:	P270 - Do not eat, drink or smoke when using this product.
	Response:	See Section 4 (First- Aid Measures)
	Storage:	P402+404 - Store in a dry place. Store in a closed container.
	Disposal:	P501 - Dispose of contents/container in accordance with local/regional/national/international regulation.

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3. Composition / Information on ingredients

Substance Mixture

Name	CAS No.	EC No.	Index No.	%
Sodium (meta)silicate	6834-92-0	229-912-9	014-010-00-8	<10
2-Butoxy Ethanol	111-76-2	203-905-0	603-014-00-0	<10

Occupational Exposure Limit(s), if available, are listed in section 8

4. First- Aid Measures

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. (P305+351+338)
If eye irritation persists get medical advice/attention.(P337+313)

Skin Contact: IF ON SKIN: Wash with plenty of water (P302+352)

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. (P304+340)

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+330+331)
Give Water or Milk to Drink.
Get immediate medical advice/attention. (P315)

Most important symptoms/effects, acute and delayed.

Eye Contact: Possible redness and irritation of affected area

Skin Contact: Possible redness and irritation of affected area

Inhalation: Not Available

Ingestion: Possible Gastrointestinal disturbances

Indication of immediate medical attention and special treatment needed

No Information Available

5. Fire-Fighting measures

Extinguishing Media

Water Wet chemical Foam Dry powder Carbon dioxide

Vaporising liquid Halon

Do not use water jet as an extinguisher, as this will spread the fire

Specific hazards arising from the chemical

Decomposition products may include the following materials:

- Carbon Oxides

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Special protective equipment and precautions for firefighters

Use personal protective equipment.

Keep containers exposed to fire cool with water spray.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

In the event of fire and/or explosion do not breathe fumes.

6. Accident release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Do not touch or walk through spilled material.

Protective Equipment: Wear protective clothing as per Section 8 (Exposure controls / personal protection)

Emergency Procedures: As an immediate precautionary measure, isolate spill or leak area. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away.

Environmental precautions Do not allow contact with surface or ground water.

Methods and materials for containment and cleaning up: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway

7. Handling and Storage

Precautions for safe handling

Handling: Do not get in eyes. (P262)
Do not get on skin. (P262)
Wash hands thoroughly after handling.(P264)
Do not eat, drink or smoke when using this product.(P270)

Conditions for safe storage, including any incompatibilities

Storage: Keep out of reach of children. (P102)
Store in a dry place. Store in a closed container.(P402+404)
Keep only in original container. (P234)
Store away from other materials. (P420) (Such As Acids and Aluminium)

Incompatible Materials: Acids, Acidic Material and Aluminium

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8. Exposure controls / personal protection

Control parameters

Material Name	Cas No.	TWA	STEL	Notes
Sodium (meta)silicate	6834-92-0	Not Established	Not Established	-
2-Butoxy Ethanol	111-76-2	98mg/m ³ @ 8hours, (Skin)	98mg/m ³ @ 15 minutes, (Skin)	-

Exposure controls

Engineering Controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Occupational Exposure Control



Wear protective gloves



Avoid Contact with eyes. Wear eye protection.



Wear protective clothing

Hygiene measures:

Wash hands, forearms, and face thoroughly after handling compounds and before eating, smoking, and using lavatory and at the end of the day.

9. Physical and chemical properties

Appearance:	Liquid, Clear Yellow
Odour:	Detergent
Odour threshold:	Not Available
pH:	>12
Melting point / freezing point:	Weighted average: -7°C
Initial boiling point and boiling range:	Weighted average: 107° C
Flash point:	Not Available
Evaporation rate:	Not Available
Flammability:	Not Available
Upper/lower flammability or explosive limits:	Not Available
Vapour pressure:	Not Available
Vapour density:	Not Available
Relative density:	1.05 – 1.10
Solubility(ies)	Not Available
Partition coefficient: n-octanol/water:	The product is much more soluble in water.
Auto-ignition temperature:	Not Available

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Decomposition temperature: Not Available
Viscosity: Not Available
Explosive properties: Not Available

10. Stability and reactivity

Reactivity: No dangerous reaction known under conditions of normal use.
Chemical stability: Stable under normal temperatures and pressures.
Possibility of hazardous reactions: No hazardous reactions known if used for its intended purpose.
Conditions to avoid: See Section 7 (Handling and Storage)
Incompatible materials: Acids and Acidic Material
Hazardous decomposition products: Carbon Oxides

11. Toxicological information

Component Name	CAS No.	Data
Sodium (meta)silicate pentahydrate	8001-54-5	Acute Toxicity: LD50 - 3200 mg/kg (Oral – Mouse) Irritation: Not Available Reproductive: Not Available
2-Butoxy Ethanol	111-76-2	Acute Toxicity: LD50 - 6721 mg/kg (Oral – Rat) Irritation: LD50 - 400 mg/kg (Dermal – Rabbit) Reproductive: Not Available

acute toxicity:	×	Carcinogenicity:	×
skin corrosion/irritation:	✓	reproductive toxicity:	×
serious eye damage/irritation:	✓	STOT-single exposure:	×
respiratory or skin sensitization:	×	STOT-repeated exposure:	×
germ cell mutagenicity:	×	aspiration hazard:	×

✓ Data Required to make classification available
× Not Available

Route(s) of entry/exposure

Eye:

Acute (Immediate): Causes eye irritation (H320)
Chronic (Delayed): Causes serious eye irritation (H319)

Skin:

Acute (Immediate): Causes skin irritation (H315)
Chronic (Delayed): May cause an allergic skin reaction (H317)

Inhalation:

Acute (Immediate): Not Available
Chronic (Delayed): Not Available

Ingestion:

Acute (Immediate): May be harmful if swallowed (H303)
Chronic (Delayed): Possible Gastrointestinal disturbances

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12. Ecological information

Toxicity

Components	Species	Test Results
Sodium (meta)silicate pentahydrate		
Fish	Gambusia affinis	2320 mg/l @ 96 hours
Invertebrates, Aquatic	Daphnia magna	247 mg/l @ 96 hours
Algae	Not Available	Not Available
2-Butoxy Ethanol		
Fish	Oncorhynchus mykiss	1474 mg/l @ 96 hours
Invertebrates, Aquatic	Daphnia magna	1550 mg/l @ 48 hours
Algae	Pseudokirchn Eriella subcapitata	286 mg/l @ 72 hours

Persistence and degradability

Abiotic Degradation:	Not Available
Physical- and photo-chemical elimination:	Not Available
Biodegradation:	Product is readily biodegradable (2-Butoxy Ethanol – DT50 100% in 28 Days)
Bioaccumulative potential	
Partition coefficient n-octanol /water (log Kow):	Not Available
Bioconcentration factor (BCF):	Not Available

Mobility in Soil

Known or predicted distribution to environmental compartments:	Not Available
Surface tension:	Not Available
Adsorption/Desorption:	Not Available

Results of PBT and vPvB assessment

Not a PBT according to REACH Annex XIII

Other adverse effects

Not Applicable

13. Disposal considerations





Waste treatment methods

Product waste:	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
Packaging waste:	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Where possible recycle container. Consult manufacturer for recycling options.

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14. Transport information

International transport regulations

Regulatory Information	UN No.	Proper Shipping Name	Class	Packaging Group	Environmental hazards	Label
ARD/RID Class Land-Road/Railway	1760	Compound, cleaning liquid (corrosive)	8	III	-	
ADN Class Inland Waterways	1760	Compound, cleaning liquid (corrosive)	8	III	-	
IMDG Sea	1760	Compound, cleaning liquid (corrosive)	8	III	-	
IATA-DGR Class Air	1760	Compound, cleaning liquid (corrosive)	8	III	-	

Special precautions for user: None specified
Emergency Response Guidebook Number: 154
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: This product is provided only in non-bulk containers.

15. Regulatory Information

Hazard Symbol(s)



Classification

Irritant

Hazardous Statement:

H320 - Causes eye irritation

H315 - Causes skin irritation

Precautionary Statements

P262 - Do not get in eyes

Approvals:

SANS 1828

Detergent Degreaser

Product Use:

Classification and labeling have been performed as close as possible according to EU directives 67/548/EEC, 1999/45/EC including any amendments and the intended use.

16. Other information

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**THIS SAFETY DATA SHEET COMPILES TO THE:
UNITED NATIONS – GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)
– FIFTH REVISED EDITION 2013**

Disclaimer:

This SDS summarizes at the date of issue, our best knowledge of the health, safety and environmental hazard information related to the product, and in particular, how to safely handle, use and transport the product in the workplace. Since Orlichem (PTY) Ltd. and its subsidiaries cannot anticipate or control the conditions under which the product may be handled, used, stored or transported, each user must, prior to usage, review SDS in the context of how it is to be handled. We shall not assume any liability for the accuracy or completeness of the information herein or any advice given. Product is sold subject to our standard terms and conditions.

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